



Well Name: FLORANCE GC B 1E; BHD

API #: 3004525541

Source: BRADENHEAD

Sample Type: GAS

Analysis No: SB2021098

Cust No: 69350-10485

Well/Lease Information

Customer Name: SIMCOE SOUTH BHD
 Well Name: FLORANCE GC B 1E; BHD
 County/State: SAN JUAN NM
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.: 3004525541

Source: BRADENHEAD
 Well Flowing: N
 Pressure: 81 PSIG
 Flow Temp: DEG. F
 Ambient Temp: 70 DEG. F
 Flow Rate: MCF/D
 Sample Method: Purge & Fill
 Sample Date: 05/18/2021
 Sample Time: 4.20 PM
 Sampled By: CELIA L
 Sampled by (CO): ABC

Heat Trace: N

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.2512	0.2457	0.0280	0.00	0.0024
CO2	0.0182	0.0178	0.0030	0.00	0.0003
Methane	87.1399	85.2225	14.8130	880.11	0.4827
Ethane	7.3551	7.1933	1.9720	130.16	0.0764
Propane	2.9631	2.8979	0.8190	74.55	0.0451
Iso-Butane	0.5099	0.4987	0.1670	16.58	0.0102
N-Butane	0.7726	0.7556	0.2440	25.20	0.0155
I-Pentane	0.2723	0.2663	0.1000	10.89	0.0068
N-Pentane	0.1999	0.1955	0.0730	8.01	0.0050
Hexane Plus	0.5178	0.5064	0.2320	27.29	0.0171
Total	100.0000	97.7997	18.4510	1172.82	0.6615

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
 BTU/CU.FT IDEAL: 1175.5
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1179.1
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1158.6
 DRY BTU @ 15.025: 1202.7
 REAL SPECIFIC GRAVITY: 0.6632

CYLINDER #: 1461
 CYLINDER PRESSURE: 25 PSIG
 ANALYSIS DATE: 05/24/2021
 ANALYSIS TIME: 04:03:58 PM
 ANALYSIS RUN BY: RICHARD WILSON

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA-2261

GC: Danalyzer Model 500 Last Cal/Verify: 06/02/2021

GC Method: C6+ Gas



SIMCOE SOUTH BHD
WELL ANALYSIS COMPARISON

Lease: FLORANCE GC B 1E; BHD
Stn. No.: 3004525541
Mtr. No.:

BRADENHEAD

06/02/2021
69350-10485

Smpl Date: 05/18/2021
Test Date: 05/24/2021
Run No: SB2021098

Nitrogen: 0.2512
CO2: 0.0182
Methane: 87.1399
Ethane: 7.3551
Propane: 2.9631
I-Butane: 0.5099
N-Butane: 0.7726
I-Pentane: 0.2723
N-Pentane: 0.1999
Hexane+: 0.5178

BTU: 1179.1
GPM: 18.4510
SPG: 0.6632



Well Name: FLORANCE GC B 1E; CSG

API #: 3004525541

Source: CASING

Sample Type: GAS

Analysis No: SB2021099

Cust No: 69350-10490

Well/Lease Information

Customer Name: SIMCOE SOUTH BHD
 Well Name: FLORANCE GC B 1E; CSG
 County/State: SAN JUAN NM
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.: 3004525541

Source: CASING
 Well Flowing: Y
 Pressure: 78 PSIG
 Flow Temp: DEG. F
 Ambient Temp: 70 DEG. F
 Flow Rate: MCF/D
 Sample Method: Purge & Fill
 Sample Date: 05/18/2021
 Sample Time: 4.25 PM
 Sampled By: CELIA L.
 Sampled by (CO): ABC

Heat Trace: N

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.6184	0.6099	0.0680	0.00	0.0060
CO2	1.2429	1.2258	0.2130	0.00	0.0189
Methane	79.3493	78.2553	13.5000	801.43	0.4395
Ethane	10.2688	10.1272	2.7560	181.73	0.1066
Propane	4.6378	4.5739	1.2820	116.69	0.0706
Iso-Butane	0.6363	0.6275	0.2090	20.69	0.0128
N-Butane	1.2937	1.2759	0.4090	42.20	0.0260
I-Pentane	0.3765	0.3713	0.1380	15.06	0.0094
N-Pentane	0.3536	0.3487	0.1290	14.17	0.0088
Hexane Plus	1.2227	1.2058	0.5470	64.45	0.0405
Total	100.0000	98.6213	19.2510	1256.43	0.7390

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0038
 BTU/CU.FT IDEAL: 1259.3
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1264.0
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1242.0
 DRY BTU @ 15.025: 1289.3
 REAL SPECIFIC GRAVITY: 0.7414

CYLINDER #: 1462
 CYLINDER PRESSURE: 72 PSIG
 ANALYSIS DATE: 05/24/2021
 ANALYSIS TIME: 03:48:34 PM
 ANALYSIS RUN BY: RICHARD WILSON

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA-2261

GC: Danalyzer Model 500

Last Cal/Verify: 06/02/2021

GC Method: C6+ Gas



SIMCOE SOUTH BHD
WELL ANALYSIS COMPARISON

Lease: FLORANCE GC B 1E; CSG
Stn. No.: 3004525541
Mtr. No.:

CASING

06/02/2021
69350-10490

Smpl Date: 05/18/2021
Test Date: 05/24/2021
Run No: SB2021099

Nitrogen: 0.6184
CO2: 1.2429
Methane: 79.3493
Ethane: 10.2688
Propane: 4.6378
I-Butane: 0.6363
N-Butane: 1.2937
I-Pentane: 0.3765
N-Pentane: 0.3536
Hexane+: 1.2227

BTU: 1264.0
GPM: 19.2510
SPG: 0.7414



Well Name: FLORANCE GC B 1E; TBG

API #: 3004525541

Source: TUBING

Sample Type: GAS

Analysis No: SB2021100

Cust No: 69350-10495

Well/Lease Information

Customer Name: SIMCOE SOUTH BHD
 Well Name: FLORANCE GC B 1E; TBG
 County/State: SAN JUAN NM
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.: 3004525541

Source: TUBING
 Well Flowing: Y
 Pressure: 77 PSIG
 Flow Temp: DEG. F
 Ambient Temp: 70 DEG. F
 Flow Rate: MCF/D
 Sample Method: Purge & Fill
 Sample Date: 05/18/2021
 Sample Time: 4.30 PM
 Sampled By: CELIA L
 Sampled by (CO): ABC

Heat Trace: N

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.6203	0.6130	0.0680	0.00	0.0060
CO2	1.2472	1.2325	0.2140	0.00	0.0190
Methane	79.4265	78.4902	13.5120	802.21	0.4399
Ethane	10.2677	10.1467	2.7550	181.71	0.1066
Propane	4.6373	4.5826	1.2820	116.68	0.0706
Iso-Butane	0.6380	0.6305	0.2090	20.75	0.0128
N-Butane	1.2935	1.2783	0.4090	42.20	0.0260
I-Pentane	0.3753	0.3709	0.1380	15.02	0.0093
N-Pentane	0.3539	0.3497	0.1290	14.19	0.0088
Hexane Plus	1.1403	1.1269	0.5100	60.11	0.0377
Total	100.0000	98.8213	19.2260	1252.85	0.7368

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0037
 BTU/CU.FT IDEAL: 1255.7
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1260.4
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1238.5
 DRY BTU @ 15.025: 1285.6
 REAL SPECIFIC GRAVITY: 0.7392

CYLINDER #: 1463
 CYLINDER PRESSURE: 72 PSIG
 ANALYSIS DATE: 05/24/2021
 ANALYSIS TIME: 03:34:49 PM
 ANALYSIS RUN BY: RICHARD WILSON

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA-2261

GC: Danalyzer Model 500

Last Cal/Verify: 06/02/2021

GC Method: C6+ Gas



SIMCOE SOUTH BHD
WELL ANALYSIS COMPARISON

Lease: FLORANCE GC B 1E; TBG
Stn. No.: 3004525541
Mtr. No.:

TUBING

06/02/2021
69350-10495

Smpl Date: 05/18/2021
Test Date: 05/24/2021
Run No: SB2021100

Nitrogen: 0.6203
CO2: 1.2472
Methane: 79.4265
Ethane: 10.2677
Propane: 4.6373
I-Butane: 0.6380
N-Butane: 1.2935
I-Pentane: 0.3753
N-Pentane: 0.3539
Hexane+: 1.1403

BTU: 1260.4
GPM: 19.2260
SPG: 0.7392

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 31835

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 31835
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	6/14/2021